

A LIGHT POLARIZER

ABSTRACT OF THE DISCLOSURE

A polarizer is provided comprising a subwavelength optical microstructure
5 wherein the microstructure is partially covered with a light-transmissive inhibiting
surface for polarizing light. The inhibiting surface can include a reflective surface, such
as a metalized coating. The subwavelength optical microstructure can include moth-eye
structures, linear prisms, or modified structures thereof. A polarizing structure is further
provided comprising a plurality of moth-eye structures stacked on one another for
10 polarizing light.